

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. - 53. (Canceled)

54. (Currently Amended) A ~~user content delivery~~ method comprising:

~~at an agent resident on a network element;~~

establishing a set of user content delivery preferences relating to user content ~~to be delivered~~

~~at a future time~~, wherein the set of user content delivery preferences comprises a delivery

cost constraint ~~indicative of a maximum cost that a user is willing to pay to have the user~~

~~content delivered~~ for delivery of the user content to a terminal;

receiving a request for the delivery of the user content to the terminal ~~from a wireless~~

~~terminal connected to the network, the request directed to the user content for which user~~

~~content delivery preferences have been established;~~

maintaining a log of session activities that have occurred with respect to the terminal; and

~~sourcing the user content in response to receiving the request;~~

~~at the agent, selecting ,based on at least the delivery cost, between at least two~~ one of a

plurality of available networks over which to deliver said user content ~~from the agent to~~

~~the terminal~~ based on at least a cost for delivery of the user content in view of the cost

constraint. [[; and]]

~~scheduling delivery of the content from the agent to the terminal over the selected network;~~

55. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further ~~comprising maintaining in the agent wherein the log of session activities comprises~~ a log of sourced user content relating to the request.

56. (Currently Amended) The ~~user-content-delivery~~ method of claim 55, further ~~comprising maintaining in the log wherein the log of session activities further comprises~~ an indication of the delivery status of the user content.

57. (Currently Amended) The ~~user-content-delivery~~ method of claim 56, further comprising acknowledging receipt of the user content over a duplex network.

58. (Currently Amended) The ~~user-content-delivery~~ method of claim 57, further comprising updating the delivery status of the log on receiving an acknowledgement receipt.

59. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further comprising notifying over a duplex network the terminal prior to the delivery of the user content over a simplex network.

60. (Canceled)

61. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further comprising reviewing ~~user-content-items~~ data stored on a data carousel, and determining ~~from the reviewing step~~ if any ~~forthcoming user-content of the data stored on the data carousel~~ matches the ~~user request~~ requested user content.

62. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further comprising generating, ~~at the agent~~, a search query to a content provider to obtain the requested user content, using a network, if an explicit link to the user content has not been provided.

63. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further comprising storing ~~in the agent~~ at least one of information relating to the last update of user content relating to the request, information relating to the user's time and/or frequency of updating preferences, and information relating to domains to which searching relating to the user content request is limited.

64. (Currently Amended) The ~~user-content-delivery~~ method of claim 54, further comprising storing ~~in the agent~~ user preferences relating to plural users, sourcing an item of user content, sending the user content to plural users, and ~~maintaining in the agent~~ wherein the log of session activities comprises a log of which ones of the plural users have received the item of user content.

65. (Currently Amended) The ~~user-content-delivery~~ method of claim 64, in which the plural users each are able to define a relevance level of user content of which they require delivery.

66. (Currently Amended) The ~~user-content-delivery~~ method of claim 64, comprising periodically sourcing content, and using the user preferences for the plural users to determine which ones of the plural users ~~the content is required by~~ has subscribed to the sourced content.

67. (Canceled)

68. (Canceled)

69. (Currently Amended) The ~~user content delivery~~ method of claim 54 further comprising:

~~reducing power consumption of the wireless terminal by scheduling the timing of the delivery~~
of the user content to limit an amount of time the ~~wireless~~ terminal is connected to the selected network.

70. (Currently Amended) The ~~user content delivery~~ method of claim 54 wherein the set of user content delivery preferences further comprises ~~a selection~~ an identification of at least one domain from which content is to be sourced.

71. (Currently Amended) The ~~user content delivery~~ method of claim 54 further comprising:

automating multiple user content delivery events at different times ~~in the future~~ in response to the request without further user interaction ~~after receipt of the request~~.

72. (Currently Amended) An apparatus comprising:

~~an agent, the agent comprising:~~

[[a]] at least one memory storing a computer program ~~configured to operate an agent in a~~
~~network~~; and

at least one controller;

~~a controller~~ the at least one memory and the computer program, with the at least one controller configured to execute the computer program to cause the apparatus to perform
at least to perform the following operations,

establishing a set of user content delivery preferences relating to user content ~~to be delivered at a future time~~, wherein the set of user content delivery preferences comprises a delivery cost constraint ~~indicative of a maximum cost that a user is willing to pay to have the user content delivered~~ for delivery of the user content to a terminal;

receiving a request for the delivery of the user content to the terminal from a wireless terminal ~~connected to the network, the request directed to the user content for which user content delivery preferences have been established;~~

maintaining a log of session activities that have occurred with respect to the terminal;
and

~~sourcing the user content in response to receiving the request;~~

selecting ~~, based on at least the delivery cost, between at least two~~ one of a plurality of available networks over which to deliver said user content ~~from the agent to the terminal based on at least a cost for delivery of the user content in view of the cost constraint. [[; and]]~~

~~scheduling delivery of the content from the agent to the terminal over the selected network.~~

73. (Currently Amended) The apparatus of claim 72 wherein the operations further comprise:

~~reducing power consumption of the wireless terminal by scheduling the timing of the delivery~~
of the user content to limit an amount of time the wireless terminal is connected to the selected network.

74. (Currently Amended) The apparatus of claim 72 wherein the set of user content delivery preferences further comprises ~~a selection~~ an identification of at least one domain from which content is to be sourced.

75. (Currently Amended) The apparatus of claim 72 wherein the operations further comprise:

automating multiple user content delivery events at different times ~~in the future~~ in response to the request without further user interaction ~~after receipt of the request~~.

76. (Canceled)

77. (Canceled)

78. (Currently Amended) The apparatus of claim ~~[[76]]~~ 72, where the set of user content delivery preferences further comprises ~~information indicative of~~ a user content delivery latency, where the delivery latency is subject to the delivery cost constraint.

79. (Currently Amended) The apparatus of claim [[76]] 72, where the operation of selecting comprises an operation of requesting a delivery cost estimate for at least one of the ~~wireless~~ plurality of available networks.

80. (Currently Amended) The apparatus of claim ~~76, further comprising an operation,~~ performed in response to being unable to select a wireless network that meets the delivery cost constraint, ~~of notifying a user of~~ 72, wherein none of the plurality of available networks would satisfy the delivery cost constraint, the operations further comprise:

providing a notification to the wireless terminal; and

providing an option to enable the user to override the delivery cost constraint.

81. (Currently Amended) The ~~user content delivery~~ method of claim 54, where the set of user content delivery preferences further comprises ~~information indicative of~~ a user content delivery latency, where the delivery latency is subject to the delivery cost constraint.

82. (Currently Amended) The ~~user content delivery~~ method of claim 54, where selecting comprises requesting a delivery cost estimate for at least one of the ~~at least two~~ plurality of networks.

83. (Currently Amended) The ~~user content delivery~~ method of claim 54, wherein none of the plurality of available networks would satisfy the delivery cost constraint, the method further comprising,

providing a notification to in response to being unable to select a network that meets the delivery cost constraint, notifying a user of the wireless terminal, and

providing an option to enable the user to override the delivery cost constraint.

84. (Canceled)

85. (Canceled)

86. (Canceled)

87. (New) The apparatus of claim 72, wherein the log of session activities comprises a log of sourced user content relating to the request.

88. (New) The apparatus of claim 87, wherein the log of session activities further comprises an indication of the delivery status of the user content.

89. (New) The method of claim 54, wherein none of the plurality of available networks would satisfy the delivery cost constraint, the method further comprising,

maintaining in the log of session activities an indication that the user content has not been delivered, and

where at least one other network becomes available, selecting the other network for delivery of the user content.

90. (New) The apparatus of claim 72, wherein none of the plurality of available networks would satisfy the delivery cost constraint, the operations further comprise:

maintaining in the log of session activities an indication that the user content has not been delivered, and

where at least one other network becomes available, selecting the other network for delivery of the user content.